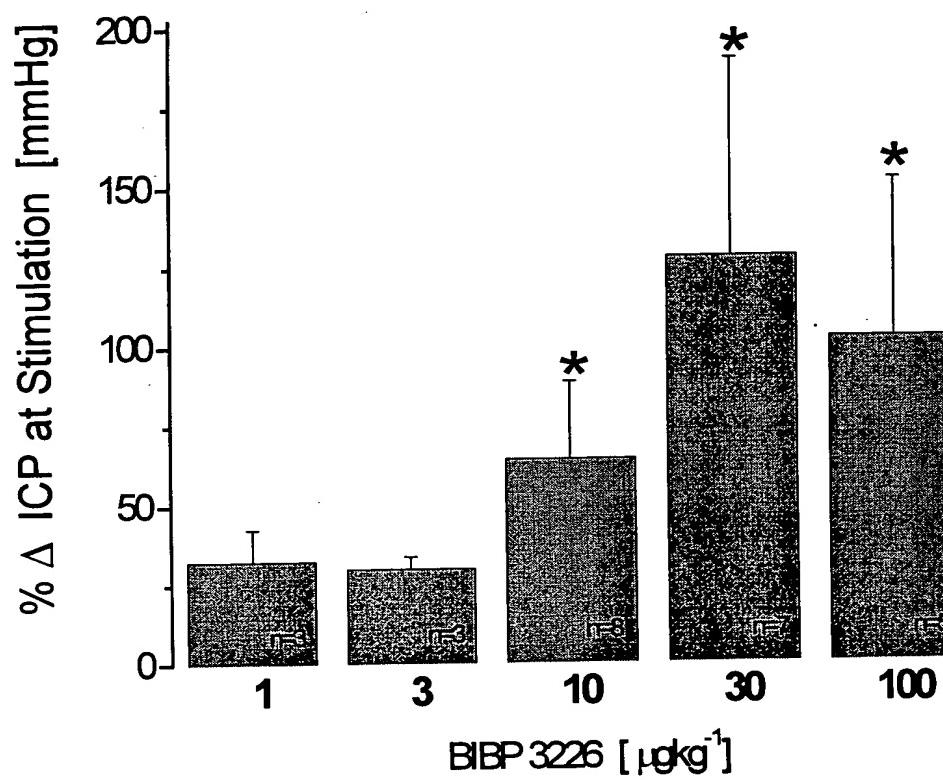


FIGURE 1

Effect of a NPY_{Y₁} antagonist BIBP3226 [1-100 µg/kg iv] on Intracavernosal Pressure (ICP) at stimulation in the Anaesthetised Rabbit



* P<0.05, Students t-test

FIGURE 2

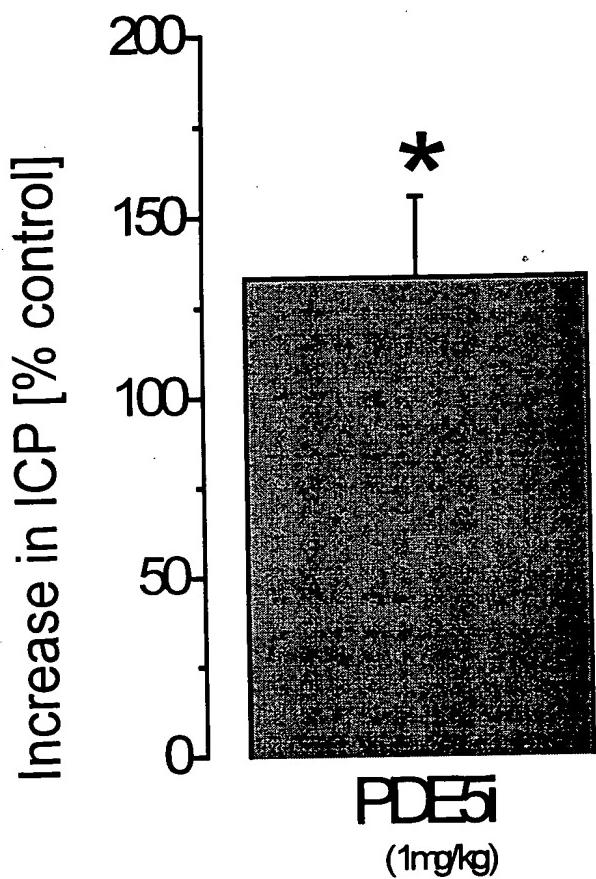


Figure 3

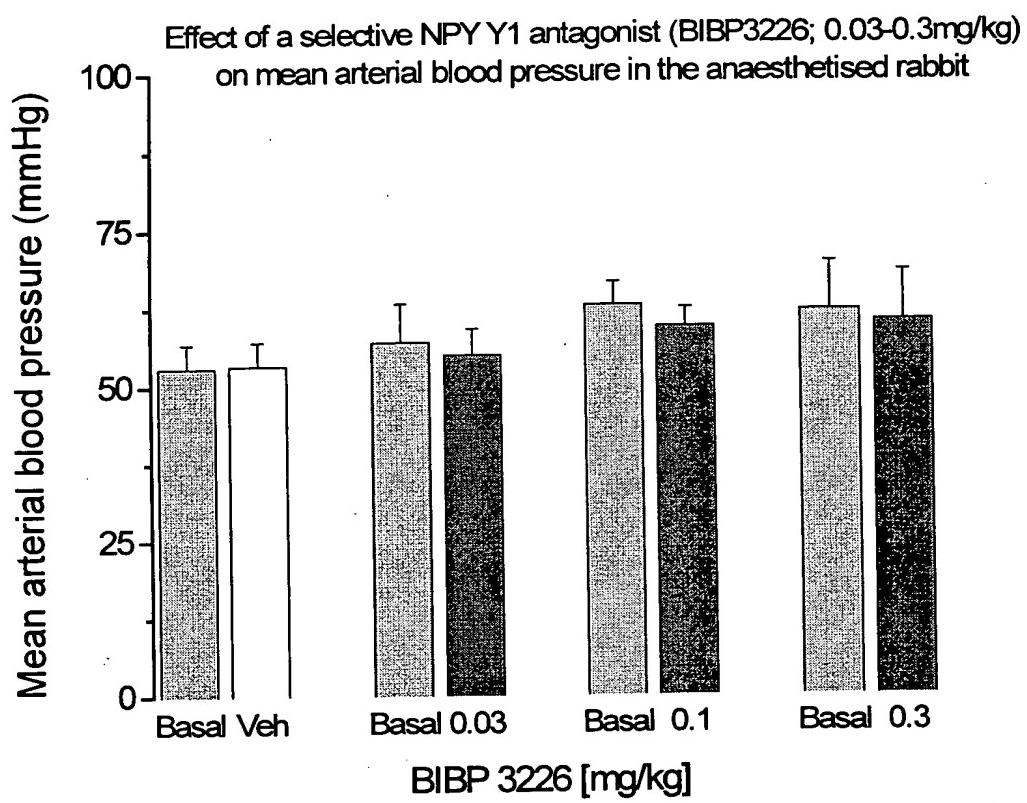


FIGURE 4

SEQ ID No. 1

5 1 accccatccg ctggctctca cccctcgag acgctcgccc gacagcatag tacttgcgc
61 ccagccacgc ccgcgcgcca gccaccatgc taggtaacaa gcgactgggg ctgtccggac
121 tgaccctcgc cctgtccctg ctctgtgcc tgggtgcgc tggccgaggcg taccctcca
181 agccggacaa cccggcgag gacgcaccag cgaggacat ggccagatac tactcggcgc
241 tgcgacacta catcaacctc atcaccaggc agagatatgg aaaacgatcc agcccagaga
10 301 cactgatttc agaccctttt atgagagaaa gcacagaaaa tgttcccaga actcggctt
361 aagaccctgc aatgttgtga tggaaatga gacttgctct ctggccttt cctattttca
421 gccccatattt catctgttaa aacgagaatc caccatcacc accaatgcat gcagccactg
481 tgctgaattc tgcaatgttt tcctttgtca tcattgtata tatgtgtgtt taaataaaagt
541 atcatgcatt c

FIGURE 5
(SEQ ID No. 2)

5 1 attgttcagt tcaaggaaat gaagaattca gaataatttt gtaaatggc ttccaaatcc
61 61 gggaaaataaga ataagctgaa cagttgaccc gcttgaaga aacatactgt ccatttgta
121 121 aaaataatct ataacaacca aaccaatcaa aatgaattca acattatttt cccaggttgc
181 181 aaatcatca gtccactcta atttctcaga gaagaatgcc cagttctgg ctttgaaaa
241 241 tgatgatgt catctgcct tggccatgtat attaccta gctcttgctt atggagctgt
301 301 gatcattttt ggtgtctctg gaaacctggc cttgatcata atcatcttga aacaaaagga
361 361 gatgagaaat gttaccaaca tcctgattgt gaacctttcc ttctcagact tgcttggc
421 421 catcatgtgt ctccccctta catttgcata cacattaatg gaccactggg tctttggtga
481 481 ggcgtgtgt aagttgaatc ctttgcata atgtgttca atcactgtgt ccattttctc
541 541 tctggttctc attgctgtgg aacgacatca gctgataatc aaccctcgag ggtggagacc
601 601 aaataataga catgctttag taggtattgc tgtgatttgg gtccttgctg tggcttcttc
661 661 ttgccttcc ctgatctacc aagtaatgac tgatgagccg ttccaaaatg taacacttga
721 721 tgcgtacaaa gacaaatacg tgcgtttga tcaatttcca tcggactctc atagggttgc
781 781 ttataccact ctcccttgg tgctgcagta ttttggtcca ctttgcatttta tatttatttgc
841 841 ctacttcaag atatatatac gcctaaaaag gagaacaac atgatggaca agatgagaga
901 901 caataagtac aggtccagtg aaacaaaaag aatcaatatac atgctgctc ccattgttgt
961 961 agcatttgca gtctgctggc tccctttaac catctttaac actgtgtttt attgaaatca
1021 1021 tcagatcatt gctacctgca accacaatct gttattctcg ctctgcccacc tcacagcaat
1081 1081 gatatccact tgcgtcaacc ccatattta tgggttctcg aacaaaaact tccagagaga
1141 1141 cttgcagttc ttcttcaact tttgtgattt ccggctctgg gatgatgatt atgaaacaaat
1201 1201 agccatgtcc acgatgcaca cagatgttcc caaaaacttct ttgaagcaag caagcccaagt
1261 1261 cgcatttaaa aaaaatcaaca acaatgtga taatgaaaaa atctgaaact acttatagcc
1321 1321 tatggccccg gatgacatct gttaaaaaac aagcacacacc tgcaacacatac tttgattacc
1381 1381 tgcgtttccca aggaatgggg ttgaaatcat ttgaaaatga ctaagatttt cttgtcttgc
1441 1441 ttttttactg cttttgtgt agtgcataa ttacatttgg aacaaaaaggt gtggcttgc
1501 1501 gggcttctcg gaaatagttt tgaccagaca tcttgcattt gctttttgtt aatttatgca
1561 1561 tataatataa agacttttat actgtactta ttgaaatgaa atttctttaa agtattacga
1621 1621 tnnnctgact tcagaagttac ctgcacatcca atacggcat tagattgggt catcttgatt
1681 1681 agattagatt agattagatt gtcaacagat tggccatcc ttactttatg ataggcatca
1741 1741 ttttagtgc ttacaatagt aacagtatgc aaaagcagca ttcaaggagcc gaaagatagt
1801 1801 cttgaagtca ttcaagtttgc gtttgagggtt tctttttttt ggtgggtttt gtttgggtttt
1861 1861 ttttttttc accttaaggg aggctttcat ttccctccga ctgattgtca cttaaatcaa
1921 1921 aatttaaaaaa tgaataaaaaa gacatacttc tcaagctgcaaa atattatggaa gaattggggca
1981 1981 cccacaggaa tgaagagaga aagcagctcc ccaacttcaa aaccattttt gtacctgaca
2041 2041 acaagagcat ttttagagtaa ttaatttaat aaagtaaattt agtattgtc caaatagcta
2101 2101 aattatattt atttgcattt atggtcaaga gatttccat tttttttaca gactgttcag
2161 2161 tttttgtcaa gcttctggc taatatgtac tcgaaagact ttccgcttac aatttgcata
2221 2221 aacacaaaata tcgtttcca tacagcagtg cctatataatgt gactgattttt aactttcaat
2281 2281 gtccatctt caaaggaagt aacaccaagg tacaatgtta aaggaatattt cactttacct
2341 2341 agcaggaaaa aatacacaaaa aactgcagat acttcatata gcccattttt acttgtataa
2401 2401 actgtgtgac ttgtggcgcc ttataaataa tgcactgtaa agattactga atagttgtgt
2461 2461 catgttaatg tgcctaattt catgtatctt gtaatcatga ttgagcctca gaatcatttgc
2521 2521 gagaaaactat attttaaaga acaagacata ctcaatgtta ttatacagat aaagtattac
2581 2581 atgtgtttga ttttttttttgc gcccacattt tatttttttttgc aagg

FIGURE 6

5

(SEQ ID No. 3)

1 caagtggacc tgtactgaaa atgggtccaa taggtgcaga ggctgatgag aaccagacag5
61 tgaagaaaat gaagggtggaa caatacgggc cacaacaaac tccttagaggt gaactgggcc
10 121 ctgaccctga gccagagctt atagatagta ccaagctgat tgaggtacaa gttgttctca
181 tattggccta ctgctccatc atcttgcttg gggtaattgg caactccttg gtgatccatg
241 tggatcaa attcaagagc atgcgcacag taaccaacctt ttcatcgcc aatctggctg
301 tggcagatct tttggtaac actctgtgtc taccgttcac tcttacctat accttaatgg
361 gggagtggaa aatgggtcct gtctgtgcc acctgggtcc ctatgcccag ggcctggcag
421 tacaagtatac cacaatcacc ttgacagtaa ttgccttggc ccggcacagg tgcacgtct
481 accacctaga gagcaagatc tccaagcgaa tcagcttctt gattattggc ttggcctggg
541 gcatcagtgc cctgctggca agtccccctgg ccatcttccg ggagtattcg ctgattgaga
601 tcatccccga ctttgagatt gtggcctgtt ctgaaaatgt gcctggcgag gagaagagca
661 tctatggcac tgtctatagt ctttcttctt tggtatctt gtatgttttgc cctctggca
721 ttatatcatt ttcctacact cgcattttggc gtaaattgaa gaaccatgtc agtcctggag
781 ctgcaaatttgc ccactaccat cagcgaaggc aaaaaaccac caaatgtc gtgtgtgtgg
841 tgggtgtt tgcggcagc tggctgcctc tccatgcctt ccagcttgcc gttgacattg
901 acagccaggt cctggacactg aaggagtaca aactcatctt cacagtgttc cacatcatcg
961 ccatgtgtc cacttttgc aatcccccttc tctatggctg gatgaacagc aactacagaa
1021 aggcttcctt ctcggccttc cgctgtgagc agcgggttggc tgccattcac tctgagggtt
1081 ccgtgacatt caaggctaaa aagaacctgg aggtcagaaa gaacagtggc cccaatgact
1141 cttcacaga ggctaccaat gtctaaaggaa gctgtggtgt gaaaatgtat ggatgaattc

FIGURE 7

SEQ ID No. 4:

5 GGCACCAAGCTCAGCCCCAAGCCACTGCTCTCCCATCCCAGTCCCTGGAAATCCAC
 CCACTTGGGCCAGCTCACCCCAACTCCAACCCACTGGGACCCAGTCTCCAGGGGCCTGAC
 TGTGGGCGGCAGCCACTCTGAGTGAGCAAAGGTTCTCCCGCGTGCTCTCCGTCCAGA
 GCCCTGCTGATGGGAAGTCCGAAGGGCCCGTGGGGATGGTGGAGAGCGCTGGCGTGCA
 GGGAGAAGCGCCCCGGGTTCTGGAGGGGGCTGCTGCTGCTGCTGGTGACC
10 GCTGCCCTGGTGGCCTGGGTCTACGCGCACCGCAGAGGGAAAGCAGCTGCCACGC
 CTTGCTAGCCGGCTGTGCTTACAGGAGGAGGACCTTTGTAACACGAAAACCCGA
 GGGATCCCAGAGGCCAAGAGGTGAGCGAGGTCTGCACCAACCCCTGGCTGCGTGATAGCA
 GCTGCCAGGATCCTCCAGAACATGGACCCGACCGAACCGTGTGACGACTTCTACCAG
 TTTGCATGCGGAGGCTGGCTGCGGCCACGTGATCCCTGAGACCAACTCAAGATAACAGC
15 ATCTTGACGTCCCTCCGCACGAGCTGGAGGTATCCTCAAAGCGGTGCTGGAGAATTG
 ACTGCCAAGGACCAGGCCGCTGTGGAGAAGGCCAGGACGCTGTACCGCTCCTGCATGAAC
 CAGAGTGTGATAGAGAACGAGGTCTCAGCCCTGCTGGACATCTTGGAGGTGGGAGA
 GGCTGGCCGGTGGCGATGGACAGGTGGAACAGACCGTAGGACTCGAGTGGGAGCTGGAG
 CGGCAGCTGGCGCTGATGAACTCACAGTTCAACAGGCGCTCCTCATCGACCTTTCATC
20 TGGAACGACGACCAGAACTCAGCCGGCACATCATCTACATAGACCAGCCCACCTGGGC
 ATGCCCTCCCAGAGACTACTACTTCAACGGCGCAGCAACCGGAAGGTGCGGGAAAGCCTAC
 CTGCAGTTATGGTGTCACTGGCCACGTTGCTGCGGGAGGATGCAAACCTGCCAGGGAC
 AGCTGCCTGGTGCAGGAGGACATGGTCAGGTGCTGGAGCTGGAGACACAGCTGGCAAG
 GCCACGGTACCCAGGAGGAGACACGACGTCACTGCCCTGTACCAACCGGATGGGACTG
25 GAGGAGCTGCAAAGCCAGTTGGCCTGAAGGGATTAACTGGACTCTGTTCATACAAACT
 GTGCTATCCTCTGTCAAAATCAAGCTGCTGCCAGATGAGGAAGTGGTGGCTATGGCATC
 CCCTACCTGCAGAACCTTGAAAACATCATCGACACCTACTCAGCCAGGACATACAGAAC
 TACCTGGTCTGGCGCTGGTGTGGACCGCATTGGTAGCCTAACGGAGAGATTCAAGGAC
 ACACGAGTGAACCTACCGCAAGGCGCTGTTGGACAATGGTGGAGGAGGTGCGTGGCGT
30 GAATGTGTTGGCTACGTCAACAGCAACATGGAGAACGCCGTGGCTCCCTACGTCAAGG
 GAGGCCTTCCCTGGAGACAGCAAGAGCATGGTCAGAGAACTATTGACAAGGTGCGGACA
 GTGTTGTGGAGACGCTGGACGAGCTGGCTGGATGGACGAGGAGTCCAAGAAGAAGGCG
 CAGGAGAAGGCCATGAGCATCCGGGAGCAGATGGGACCCCTGACTACATCCTGGAGGAG
 ATGAACAGGCCTGGACGAGGAGTACTCAATCTGAACTTCTCAGAGGACCTGTACTTT
35 GAGAACAGTCTGCAGAACCTCAAGGTGGGCCAGCGGAGCCTCAGGAAGCTCGGGAA
 AAGGTGGACCCAAATCTCTGGATCATGGGGCGGCGGTGGTCAATGCGTTACTCCCCA
 AACCGAAACCAGATTGTATTCCCTGCCGGATCCTCCAGCCCCCTTCTCAGCAAGGAG
 CAGCCACAGGCCCTGAACATTGGAGGCATTGGATGGTGTGGACAGAGATCACGCAC
 GGCTTGACGACAATGGCCGAACTTCGACAAGAATGGCAACATGATGGATTGGTGGAGT
40 AACTTCTCCACCCAGCACTTCCGGGAGCAGTCAGAGTGCATGATCTACCAAGTACGGCAAC
 TACTCCTGGACCTGGCAGACGAACAGAACGTGAACGGATTCAACACCCCTGGGAAAAC
 ATTGCTGACAACGGAGGGTGCAGCACGCCCTGGATCTCACCCATGAGCAGCTTCTTCATC
 GGTGGCAAGGACCAGCAGCTGCCGGCTGGATCTACCGGCCAGTTGCCATCCAATCCATCAAG
 AACTATGCCAGGTGGTGTGGCTCTACCGGCCAGTTGCCATCCAATCCATCAAG
45 ACAGACGTCACAGTCCCCTGAAGTACAGGGTACTGGGTCGCTGCAGAACCTGGCGGCC
 TTCGCAGACACGTTTCACTGTGCCGGGGCACCCCCATGCACCCCAAGGAGCGATGCCGC
 GTGTGGTAGCCAAGGCCCTGCCGCAGCTGTGGGCCACGCCAGTGTACGTCCGCCGGCAACCATGCC
 TCTGTGCGAAGGTGCAGCTAGCGGCCAGCCAGTGTACGTCCGCCGGCAACCATGCC
 AAGCCTGCCCTGCCAGGCCTGCGCCTGGCTAGGGTGCAGCCACCTGCCATGACACCCAG
50 GGATGAGCAGTGTCCAGTGCAGTACCTGGACGGAGGCCCCCTCCACAGACACCCGGGG
 CTCAGTGCCCTGCCAGTATCTACAGCTTCAGACTTGAGCTAAGTAAATGCTTCAAAGAAA
 GTGCATTGTCTCCAGTATCTACAGCTTCAGACTTGAGCTAAGTAAATGCTTCAAAGAAA
 AAAAAAAAAAAAAAA

FIGURE 8

SEQ ID No. 5:

5 CAGAGCTCGTTAGTGAACCGTCAGAATTTGTAATACGACTCACTATAGGGCGGCCGCG
 AATTCCGGCACCAAGCCACTGCTCTCCATCCCAGTCCCTGGAAATCCAC
 CCACCTGGCCCCAGCTCACCCCAACTCCAACCCACTGGGACCCAGTCTCCAGGGCCTGAC
 TGTGGCGGCAGCCACTCCTGAGTGAGCAAAGGTTCTCCGCGGTGCTCTCCGTCAGA
 GCCCTGCTGATGGGAAGTCCGAAGGCCCCGTGGGGATGGTGGAGAGCGCTGGCGTGCA
10 GGGCAGAAGCGCCGGGGTCTGGGAGGGGGCTGCTGCTGCTGCTGCTGGTGA
 GCTGCCCTGGTGGCTTGGGTCTACGCCACCAGAGGGAAAGCAGCTGCCACGC
 CTTGCTAGCCGGCTGTGCTTACAGGAGGAGGGACCTTGATAAACGAAAACCCGA
 GGGATCCCAGAGGCCAAGAGGTGAGCGAGGTCTGACCACCCCTGGCTGCGTAGC
 GCTGCCAGGATCCTCAGAACATGGACCCGACCGAACCGTGTGACGACTTCTACAG
15 TTTGCATGCGGAGGGTGGCTGCGGCCACGTGATCCCTGAGACCAACTCAAGATACAGC
 ATCTTGACGTCCTCCGCGACGAGCTGGAGGTATCCTCAAAGCGGTGCTGGAGAATTG
 ACTGCCAAGGACCGGGCGCTGTGGAGAAGGCCAGGACGCTGTACCGCTCTGCATGAAC
 CAGAGTGTGATAGAGAACGAGGTGAGCGAGGTCTGACCACCCCTGGCTGCGTAGC
 GGCTGGCCGGTGGCGATGGACAGGTGGAACAGGCTAGGACTCGAGTGGAGCTGGAG
20 CGGCAGCTGGCGCTGATGAACTCACAGTTAACAGGCGCGTCTCATCGACCTCTTCATC
 TGGAACGACGACCAGAACTCCAGCCGCACATCATCTACATAGACCAGCCCACCTGGGC
 ATGCCCTCCCAGAGACTACTTCAACGGCGCAGCAACCGGAAGGTGGGGAGCCTAC
 CTGCAGTTCATGGTGTAGTGGCCACGTTGCTGCGGGAGGATGCAAACCTGCCAGGGAC
 AGCTGCCTGGTGCAGGAGGACATGGTGCAGGTGCTGGAGACTGGAGACACAGCTGCCAAG
25 GCCACGGTACCCAGGAGGAGAACACGACGTCATGCCCTGTACCGACCGATGGACTG
 GAGGAGCTGCAAAGCCAGTTGGCTGAAGGGATTAACTGGACTCTGTTCATACAAACT
 GTGCTATCCCTGTCAAAATCAAGCTGTCAGGAGAACATCGACACCTACTCAGCCAGGAC
 CCCTACCTGCAGAACCTTGAACATCATCGACACCTACTCAGCCAGGACATACAGAAC
 TACCTGGCTGGCGCTGGTGTGGACCGCATTGGTAGCCTAACGGAGAACATTCAAGGAC
30 ACACGAGTGAACCTACCGCAAGGCGCTGTTGGCACAATGGTGGAGGAGGTGCGCTGGCGT
 GAATGTGTGGCTACGTCAACAGCAACATGGAGAACGCCGTGGCTCCCTACGTCAGG
 GAGGCCTTCCCTGGAGACAGCAAGAGCATGGTCAAGAGAACTCATTGACAAGGTGCGGACA
 GTGTTGTGGAGACGCTGGACGAGCTGGATGGACGAGGTCCAAGAACAGGCG
 CAGGAGAACGCCATGAGCATCCGGGAGCAGATCGGGCACCCCTGACTACATCCTGGAGGAG
35 ATGAACAGGCCCTGGACGAGGAGTACTCCAATCTGAACCTCAGAGGACCTGTACTTT
 GAGAACAGTCTGCAGAACCTCAAGGTGGCGCCAGGGAGCCTCAGGAAGCTTCGGGAA
 AAGGTGGACCCAAATCTCTGGATCATGGGGCGGCGGTGGTCAATGCCTACTCCCCA
 AACCGAAACCAGATTGTATTCCCTGCCGGGATCCTCAGGCCCTTCTCAGCAAGGAG
 CAGCCACAGGCCCTGAACCTGGAGGCATTGGATGGTACGGGCACGGAGTACCGCAC
40 GGCTTGACGACAATGGCGGAACCTGACAAAGAATGGCAACATGATGGATTGGTGGAGT
 AACTTCTCCACCCAGCACTCCGGGAGCAGTCAGAGTGCATGATCTACCAAGTACGGCAAC
 TACTCCTGGACCTGGCAGACGAACAGAACGTGAACGGATTCAACACCCCTGGGGAAAC
 ATTGCTGACAACGGAGGGGTGCGGCAAGCCTATAAGGCTACCTCAAGTGGATGGCAGAG
 GGTGGCAAGGACCAGCAGCTGCCGGCCTGGATCTCACCATGAGCAGCTTCTTCATC
45 AACTATGCCAGGTGTGGTGCAGCTACAGGACTGGGACTGGGTCGCTGCAGAACCTGCCGCC
 ACAGACGTCACAGTCCCTGAAGTACAGGGACTGGGTCGCTGCAGAACCTGCCGCC
 TTCGCAGACACGTTCACTGTGCCCGGGCACCCCCATGCACCCCAAGGAGCGATGCCGC
 GTGTGGTAGCCAAGGCCCTGCCGCCTGTGCCGGCACGCCACCTGCTGCTGGAGGCA
 TCTGTGCAAGGTGCAGCTAGCGGCCAGCAGTGTACGTCCCAGGCCACCATGCC
50 AAGCCTGCTGCCAGGCCTTGCCTGGCTAGGGTCAGGCCACCTGCCCTGACACCCAG
 GGATGAGCAGTGTCCAGTGCAGTACCTGGACGGAGCCCCCTCACAGACACCCGCCGGGG
 CTCAGTGCCTCCAGTATCTACAGCTTCAAGACTTGAGCTAAGTAAATGCTCAAAGAAA
 GTGCATTGTCTCCAGTATCTACAGCTTCAAGACTTGAGCTAAGTAAATGCTCAAAGAAA
 AAAAAAAAAAAAAAAACTCGACTCTAGATTCGG

FIGURE 9

SEQ ID No. 6:

MGKSEGPVGMVESAGRAGQKRPGFLEGGLLLLLVTAAVALVALGVLYADRRGKQLPRLAS
5 RLCFLQEERTFVKRKPRGIPEAQEVSEVCTTPGCVIAAARILQNMDPTTEPCDDFYQFAC
GGWLRRHVIPETNSRYSIFDVLRDELEVILKAVLENSTAKDRPAVEKARTLYRSCMNQSV
IEKRGSQPLLDILEVVGWPVAMDRWNETVGLEWELERQALMNSQFNRRVLIDLFIWND
DQNSSRHIIYIDQPTLGMPSREYYFNGGSNRKVREAYLQFMVSATLLREDANLPRDSCL
VQEDMVQVLEETQLAKATVPQEERHDVIALYHRMGLEELQSQFGLKGFNWTLFQTVLS
10 SVKIKLLPDEEVVYGYPYLQNLNEIIDTYSARTIQNYLVWRVLVDRIGSLSQRFKDTRV
NYRKALFGTMVEEVWRWRECVGYVNSNMENAVGSLYVREAFCGDSDKSMVRELIIDKVRTVFV
ETLDELGWMDEESKKKAQEKAAMSIREQIGHPDYILEEMNRLDEEYSNLNFSEDLYFENS
LQNLKVGQAQRSLRKLREKVDPNLWIIGAAVNAFYSPNRNQIVFPAGILQPPFFSKEQPQ
15 ALNFGGIGMVGHEITHGFDDNGRNFDKNGNMMWDWSNFSTQHFREQSECMIYQYGNYSW
DLADEQNVNGFNTLGENIADNGGVRQAYKAYLKWMMAEGGKDQQLPGLDLTHEQLFFINYA
QWWCGSYRPEFAIQSIKTDVHSPLKYRVLGSLQNLAAFADTFHCARGTPMHPKERCRVW

FIGURE 10

